ADDENDUM #2 - July 21, 2016

CITY OF MATTOON
PUBLIC WORKS BUILDING
401 DEWITT AVE EAST

Please incorporate the following changes into the bid documents for the project:

Contract Time Limit
Revised Specification Page 00030-1 attached.
Revised Specification Page 00300-1 attached.

Changed the Contract Time Limits to match the verbiage in Specification Sections 00500 and 01010.

Specification 13340 Metal Building Systems
Revised Specification 13340 attached.

Pages 13340-1 & 13340-2
The building code was changed to 2003 International Building Code as listed on the Cover Sheet in the Plans, and Plan Sheet S-0.01.

Page 13340-5
Added Ceco Building Systems to the list of acceptable manufacturers.

Page 13340-6
The roofing is required to be a Standing Seam Steel Roofing System complying with the requirements of Specification 13340(2.04). 24 gauge steel panels are required. TS-324 or VS-216 panels are both acceptable options.

Page 13340-8
The roof insulation system is required to comply with Specification Section 13340(2.11). A fabric ceiling conforming to Specification Section 13340(2.12) is required. The fabric ceiling shall serve as the vapor barrier. The fabric ceiling color is required to be white.

The wall insulation system is required to comply with Specification Section 13340(2.11). Fiberglass insulation with vinyl backing is required for exposed insulation. The vinyl is to face the interior of the building. The seams are to be taped. The vinyl backing will serve as the vapor barrier. The vinyl color is required to be white. Alternate vapor barrier materials are allowed in concealed locations.

ADDENDUM #2 - July 21, 2016

Specification 13340 Metal Building Systems (cont.)
Page 13340-8 (cont.)
Foundation insulation was eliminated from the scope of supply in this specification. It is covered in Specification 07200.

Page 13340-10
The structural members for the Canopy Framing shown on Plan Sheets S1.02, S5.02, & S5.03 are designed for construction. The Metal Building Manufacturer shall include the loads applied to the main building in their design. Alternate structural designs may be submitted for consideration.

Specification 07420 Metal Wall Panels
Revised Specification 07420 is attached.
The requirement for concealed fasteners for the metal wall panels has been eliminated.

The Pre-Engineered Metal Building manufacturers standard metal wall panels have been allowed in Section 07420(2.01)(B).

All fasteners for exterior metal wall panels shall include a compressible washer or be otherwise sealed against water penetration. Fasteners shall meet the sheet panel manufacturer's recommendation for corrosion resistance and material compatibility.

The City of Mattoon, Illinois will receive bids for:

Project Name:	**Mattoon Public Works Building**
Project Location:	401 Dewitt Avenue East
User Agency:	City of Mattoon, Public Works
County:	Coles

The project consists of:

A. Site work to prepare a previously undeveloped site of approximately five acres for the construction of a new building and other site improvements.

B. Construction of a new pre-engineered metal building with an area of approximately 33,800 square feet. About 3,620 square feet of the building will be finished as office space, locker rooms, restrooms, and an employee break room. The balance of the space will be used for vehicle and equipment storage and maintenance. Complete mechanical and electrical systems are included in the work.

Bids will be received until: 11:00 A.M. CDT on Thursday, 28 July 2016

Submit Bids To:
City Clerk
Mattoon City Hall
208 North 19th Street
Mattoon, Illinois 61938

Bid Opening:
11:00 A.M. CDT on Thursday, 28 July 2016
At the City Council Chambers (address above).
Bids will be publicly opened and read immediately after the specified closing time.

Obtain Plans: Plans may be obtained from the City Clerk's Office at City Hall, 208 N. 19th Street, Mattoon, IL 61938.

Information to Bidders:

A. Prevailing wages in accordance with Coles County is required.

B. ***Bid security and bonds are required.*** Bid security shall be in the form of a bid bond or certified check in an amount equal to ten percent (10%) of the base bid. Bid security shall be made payable to The City of Mattoon, Illinois. The successful Bidder shall furnish a Performance Bond and Labor & Material Payment Bond, each in an amount equal to 100% of the contract amount.

~~C. The specified construction period is 180 consecutive calendar days from the date which appears on the Notice of Award.~~ SEE SPECIFICATION SECTIONS 00500(3.2) & 01010(1.04).
ADDENDUM#2

The City of Mattoon, Illinois

Susan O'Brien, City Clerk
City of Mattoon, Illinois

END 00030

DATE: _____

BID TO: City of Mattoon, Public Works

BID FROM: _____
(Bidder's Name)

_____
(Bidder's Address)

THE UNDERSIGNED:

1. Acknowledges receipt of:

   a. Project Manual for City of Mattoon Public Works Building dated July 8, 2016.

   b. Drawings; dated July 8, 2016.

   c. Addenda: No.____, dated: _____. No.____, dated:_____ _____.

      No.____, dated: _____. No.____, dated: _____.

      No.____, dated: _____. No.____, dated: _____.

2. Has examined the site and all bidding documents. The successful Bidder shall be responsible for performing all work specifically required of him by all parts of the bidding documents, including all drawings and specifications for the entire project even though such work may be included as related requirements specified in other divisions or sections.

3. Agrees:

   a. To hold this bid open until 30 calendar days after bid opening date.

   b. To enter into and execute a contract with the Owner if awarded on the basis of this bid, and in connection therewith to:
      (1) Furnish insurance and bonds required by the bidding documents.
      (2) Accomplish the work in accordance with the Contract.
      (3) Complete the work within the contract time herein specified.

4. ~~CONTRACT TIME. The construction period is 180 consecutive calendar days commencing on the date which appears on the Notice of Award.~~ SEE SPECIFICATION SECTIONS 00500(3.2) & 01010(1.04) ADDENDUM#2.

BASE BID. Bidder agrees to perform all work, exclusive of alternate bids, as set forth in the bidding documents, for the sum of:

_____ DOLLARS ($_____)

ALTERNATE BID WORK - None

1. GENERAL

1.01 WORK INCLUDES

A. Base Bid:

1. General Contractor Provide:
   a. Pre-engineered metal building systems as shown and herein specified, including framing at porches.
   b. Structural framing and subframing systems.
   c. Sheet metal flashing & trim.
   d. Exterior doors and windows.
   e. Standing seam metal roof.
   f. EPDM roofs on porches.
   g. Preformed metal wall panel.
   h. Overhead doors.
   i. Roof opening curbs.

1.02 SYSTEM DESCRIPTION

A. Building Description:

1. Clear span rigid frame with cross-section as shown on the Drawings.
2. Bay spacing as shown on the Drawings.
3. Roof slope as shown on the drawings

B. Design Specifications:

1. "Metal Building Systems Manual," 2012 edition, Metal Building Manufacturer's Association. (MBMA)
2. "Manual of Steel Construction," 14th edition, American Institute of Steel Construction. (AISC)
3. "Specification for Structural Steel Buildings." 2015 edition (AISC)
4. "Cold-Formed Steel Design Manual," 2008 edition, American Iron and Steel Institute. (AISI)
5. ICC-IAS AC172 or AC472 Accreditation

C. Design Loads:

1. Basic design loads include live, seismic, wind, and dead loads. All other design loads such as mechanical equipment loads (static, dynamic, or kinetic) are classified as auxiliary loads.
2. All loads given are minimum requirements. All applicable provisions of the International Building Code ~~(2006 edition)~~ 2003 EDITION. ADDENDUM#2
3. Basic design loads for wall and roof components are as follows:
   ~~a.~~ Wind speed 90 mph.
   b. ~~Exposure:~~ B, Enclosed.
   c. Snow/Wind ~~Importance~~ factor based upon ~~building~~ usage: 1.15.
   d. Ground snow load = 20 psf.
   e. Seismic Zone ~~loads shall be~~ determined upon Soil Site Class "E": S_{DS} = 0.453g, S_{D1} = ~~0.282g~~, Importance factor 1.50.
   f. MBMA, 2012 edition, application and combination of loads.)

SEE PLAN SHEET S0.01. ADDENDUM#2

4. Design each member to withstand stresses resulting from a combination of loads that produce the maximum percentage of actual to allowable stress in the member, as prescribed by AISC.

a. Maximum individual member deflection for primary horizontal members shall be L/240, and for vertical members L/180.
b. Maximum individual member deflection for secondary members is L/180.

5. Wind load shall be determined by the following:
   a. The wind on the structure shall be proportioned and applied as horizontal and uplifting forces according to the IBC requirements.

6. Wind loads to masonry walls shall be applied as lateral forces to columns equal to the wind load across the tributary width between columns.

D. Seismic forces from masonry wall systems shall be transferred to the structure as lateral forces at the building columns. Forces from walls shall be determined from wall cross-sections shown on the Drawings, using horizontal force factors for elements of structures as required by the IBC.
   1. Roof components shall comply with U.L. Class 90 wind uplift requirements.
   2. Indicate the basic design load on the Drawings.

1.03 REFERENCES

A. ASTM A-36 - Structural Steel.
B. ASTM A-325 -High Strength Bolts for Structural Steel.
C. ASTM A-446 - Steel Sheet, Zinc-Coated (Galvanized) Structural Quality.
D. ASTM A-463 - Specification Steel Sheet, Cold-Rolled, Aluminum-Coated, Types 1 & 2.
E. ASTM A-475 -Specification for Zinc-Coated Steel Wire Strand.
F. ASTM A-490 -Quenched and Tempered Alloy Steel Bolts for Structural Steel Joints.
G. ASTM A-500 -Cold-Formed Welded and Seamless Carbon Steel Structural Tubing.
H. ASTM A-501 -Hot-Formed Welded and Seamless Carbon Steel Structural Tubing.
I. ASTM A-525 -Steel Sheet, Zinc-Coated (Galvanized) by the Hot Dip Process.
J. ASTM A-570 -Specification for Hot-Rolled Carbon Steel Sheet and Strip.
K. ASTM A-572 -High Strength Low Alloy Columbium Vanadium Steel, Structural Quality.
L. ASTM A-607 -Specification for Steel Sheet and Strip, Hot-Rolled and Cold-Rolled.
M. ASTM A-792 -Specification for Steel Sheet, Aluminum-Zinc Alloy Coated.
N. ASTM C-553 -Mineral Fiber Blanket and Felt Insulation.
O. ASTM C-665 -Mineral Fiber Blanket Thermal Insulation for Light Frame Construction.
P. ASTM E-84-Test Method for Surface Burning Characteristics of Building Materials.
Q. ASTM E-96-Test Method of Water Vapor Transmission of Materials.
R. SSPC -Steel Structures Painting Council.
S. TIMA-202-Metal Building Insulation Standard.
T. HH-I-521-Insulation Blanket, Thermal.
U. HH-I-558-Insulation, Blocks, Boards, Blankets, Felts, Covering Thermal.
V. HH-I-1972-Insulation, Board (Thermal).
W. AWS -Structural Welding Code, American Welding Society, D1.1, D1.3.
X. UL 90-Wind Uplift Requirements.
Y. UL 580 - Tests for Uplift Resistance of Roof Assemblies, 1994

1.04 QUALITY ASSURANCE

A. Building System Requirements:
   1. Provide building components manufactured, marketed, or approved by a single specified building manufacturer.
   2. Be, or subcontract erection to, a firm approved or franchised by a specified building manufacturer.
   2. Structural component design to be under the direct supervision of a Registered Structural Engineer, licensed in the State of Illinois.

B. Regulatory Requirements: Building Code: International Building Code ~~(2012 edition).~~ 2003 EDITION. ADDENDUM#2

D. Galvanized steel sheet shall conform to ASTM A-446.

E. Aluminum-zinc coated steel sheet shall conform to ASTM A-792.

F. Aluminum coated steel sheet shall conform to ASTM A-463.

G. Diagonal bracing cable shall conform to ASTM A-475, Class A.

H. Wind bracing rod shall be adjustable threaded steel rod, ½" minimum diameter, conforming to ASTM A-36.

I. Structural tubing shall conform to ASTM A-500, Grade B.

J. Bolts shall conform to ASTM A-325.

2.02 ACCEPTABLE MANUFACTURERS

A. The following manufacturers are acceptable, provided they can furnish or approve all components that meet the specification:

1. A & S Building Systems, Inc.
2. American Buildings Co.
3. Behlen Building Systems
4. Butler Manufacturing Co.
5. Chief Buildings
6. Gulf States Manufacturers
7. Inland Buildings
8. Mesco Building Solutions
9. Nucor Building Systems
10. Schulte Building Systems, Inc.
11. Varco-Pruden Buildings

12.CECO BUILDING SYSTEMS.
ADDENDUM#2

2.03 STRUCTURAL FRAMING COMPONENTS

A. Primary Framing:

1. A frame system that provides the configuration shown on the Drawings.
2. Roof Slope to be as shown on drawigns.
3. Factory weld and shop paint all primary framing components.
4. Factory drilled or punched holes for bolted field assembly.
5. All welded shop connections shall be in accord with AWS "Structural Welding Code," D1.1.

B. Secondary Framing:

1. Purlins, girts, eave struts, end wall beams, flange and sag bracing shall be a minimum of 16 gauge, cold-formed section, shop painted or galvanized.
2. The purlin system shall be capable of supporting the dead load, live load, and all other loads imposed by the attachment of (*ceilings) (*equipment) (*utility lines).

C. End Wall Columns: Factory welded, built-up "I" shape or cold-formed sections of at least 14 gauge steel, with a maximum of L/240 at locations with brick veneer only, or L/180 deflection at painted or galvanized metal siding.

D. Fabrication:

1. Shop fabricate to the indicated size and section, complete with base plates, bearing plates, and other plates for erection, welded in place, and with all holes for anchoring or connections shop drilled or punched to template dimensions.
2. Shop welders shall have passed tests prescribed by the American Welding Society Code

D1.1 and/or D1.3 for process, position, and joint type.

E. Shop Painting:

1. Clean surfaces to be primed of loose mill scale, rust, dirt, oil, grease, and other matter precluding paint bond. Follow, as appropriate, one or more specifications of the Steel Structures Painting Council.
2. Apply one coat of rust inhibitive alkyd zinc chromate, red oxide or waterborne primer, 1.0 mil. dry thickness.
3. Do not paint surfaces that will be welded, or are scheduled to receive spray-on fireproofing.

2.04 STANDING SEAM STEEL ROOFING SYSTEM

A. Standing seam steel roofing panels to be the configuration shown on the Drawings, or as approved by the A/E, and factory fabricated from 24 gauge steel. NOTE: JOB-SITE ROLL-FORMING NOT PERMITTED.

B. The exposed finish shall be 70% fluorocarbon resin paint over Galvalume produced to ASTM A792/A792M-A250, or A255. Color as selected by the A/E from the manufacturer's standard colors. More than one color may be selected.

C. Panels to be interlocking, with non-hardening factory applied seam sealant. Seams to be continuously locked or crimped mechanically during installation. NOTE: Side lap joints and/or exposed structural fasteners are NOT allowed.

D. Panel end laps. When roofs measure 45 feet or less from ridge to eave, etc, end laps will NOT be allowed. When permitted, ends shall have a minimum of 6" overlapped, using the manufacturer's required attachment method and sealant.

E. Panels shall be attached with concealed clip fasteners, spaced as required to provide for both positive and negative design loads while allowing for expansion and contraction of the entire roofing system resulting from annual variations in temperature.

F. The standing seam roofing system shall be listed by Underwriter's Laboratories for wind uplift classification U.L. 90.

TS-324 OR VS-216 ARE BOTH ACCEPTABLE OPTIONS. ADDENDUM#2.

2.05 ACCESSORIES

A. Gutters:

1. Manufacturer's standard configuration. Size as shown or called for on drawings.
2. 24 gauge, to match roof panels, Color as selected by the A/E.
3. Manufacturer's standard support bracket spaced a maximum of 48" o.c.
4. Manufacturer's standard leader to match the gutter, with non-corroding wire ball strainer.

B. Downspouts:

1. Downspouts to match the material and finish of the gutters.
2. 24 gauge, size as shown or called for on drawings.

C. Precast concrete splash blocks, size as shown or called for on drawings.

D. Roof Curbs:

1. Roof curbs shall be supplied by, or acceptable to, the building manufacturer.
2. Roof curbs shall be a minimum of 12" above the roof panels.
3. Shall be insulated.
4. Provide additional header framing required by the manufacturers to support the

EXPOSED WALL INSULATION SHALL BE FIBERGLASS INSULATION WITH VINYL BACKING. THE VINYL SHALL BE INSTALLED TO THE INTERIOR OF THE BUILDING. THE SEAMS SHALL BE TAPED. THE VINYL COLOR SHALL BE WHITE.

ALTERNATE VAPOR BARRIER MATERIALS ARE ALLOWED IN CONCEALED LOCATIONS. ADDENDUM#2

2. Install one layer of unfaced fiberglass insulation parallel to purlins above fabric ceiling, R-19; stagger joints with layer above.

C. Thermal spacer blocks of extruded polystyrene with 1" thickness above the purlin flange.

D. Wall insulation: Instal one layer of fiberglass insulation with thermal tape in cavity between wall girts and exterior wall panels, R-25

~~E. Foundation insulation: Rigid extruded polystyrene, as shown or called for on drawings.~~ SEE SPECIFICATION 07200. ADDENDUM#2

2.12 CEILING FABRIC

CEILING FABRIC IS REQUIRED AS PART OF THE ROOF INSULATION SYSTEM. CEILING FABRIC SHALL BE WHITE. ADDENDUM#2.

A. Part of insulation system manufacturers.

B. Systems and Materials

1. Ceiling fabric system shall fasten to bottom of purlins and allow full thickness insulation throughout span.

2. Fabric to be woven reinforced high density polyethylene yarns coated on both sides with a continuous white polyethylene film.

3. Fabric to be supported by painted high tensile steel straps, size and spacing by manufacturers recommendations. Straps to be galvanized, primed, and painted the specified color of the fabric on the exposed side with a a clear coat primer on the unexposed side.

4. Fabric shall comply with ASTM E84 and be Class A compliant with a low flame spread index of 25 or less

5. Liner fabric perm rating shall be a maximum of .02 grains per hour per square foot base of ASTM E96 procedure B. Liner shall act like a vapor barrier and be continuous with facing of wall insulation backing.

6. Sealants for system shall be high-tack solvent based vapor barrier sealant and/or double sided vapor barrier bonding tape.

2.13 SEALANTS & CAULKING

A. Sealants in joints between system components shall be as specified or recommended by the building manufacturer.

B. General purpose sealants and interior caulking not specified by the building manufacturer are specified in Section 07900.

2.14 DOORS AND WINDOWS - See the appropriate specification section elsewhere in this project manual.

3. EXECUTION

3.01 INSPECTION. Examine the foundations and the conditions under which pre-engineered building work is to be performed. Notify the A/E in writing of unsatisfactory conditions. Do not proceed with the work until unsatisfactory conditions have been corrected.

3.02 ERECTION.

A. Clean concrete or masonry bearing surfaces to assure bond. Clean the bottom surface of base and bearing plates.

B. Set the base and bearing plates on grout beds. Use shims or leveling bolts only after

satisfactory installation.

3.08 ADJUST AND CLEAN

A. Carefully inspect all completed work, and correct all defects.
B. Accompany the representatives from the manufacturer, Architect/Engineer and Owner during inspections of the work. Assist with equipment and workmen when necessary to provide access. Correct all defects noted.
C. Remove all spilled and excessive mastic and sealant. Remove all strippable film.
D. Remove all damaged and defective work, and replace with new materials.
E. Clean up and remove from the site, all surplus materials, construction aids, and debris. Do NOT bury or burn any materials on the site.
F. Provide protection of all finished work until Substantial Completion.

END 13340

GENERAL
THE STRUCTURAL MEMBERS FOR THE CANOPY FRAMING SHOWN ON PLAN SHEETS S1.02, S5.01, & S5.02 ARE DESIGNED FOR CONSTRUCTION. THE METAL BUIDLING MANUFACTURER SHALL INCLUDE THE LOADS APPLIED TO THE MAIN BUILDING IN THEIR DESIGN. ALTERNATE STRUCTURAL DESIGNS MAY BE SUBMITTED FOR CONSIDERATION.
ADDENDUM#2

1. GENERAL

1.01 WORK INCLUDES

A. Base Bid: Contractor Provide:
1. Pre-finished, ~~concealed fastener~~, metal wall panel systems with related metal trim and accessories. ADDENDUM#2
2. Soffit panels.

1.02 REFERENCES

A. AAMA (American Architectural Manufacturer's Association) - Voluntary Specifications for High Performance Organic Coatings on Coil
B. ASCE (American Society of Civil Engineers): www.asce.org/codes-standards.
C. ASTM A755 - For Steel Sheet.
D. ASTM C920 - For Elastomeric Joint Sealants.

1.03 Related Sections:

A. 05500 Miscellaneous Metal

B. 07200 Insulation

C. 07600 Flashing & Sheet Metal

D. 13340 Metal Building Systems

1.04 SUBMITTALS. In accord with 01300, provide:

A. Action Submittals:
1. Product Data - Manufacturer's data sheets for specified products.
2. Shop Drawings showing layouts of metal panels, details of each condition of installation, panel profiles, and attachment to the building. Provide details at a minimum scale of 1 ½" per foot for edge conditions, joints, fastener and sealer placement, flashings, openings, penetrations, and special details.Make distinctions between factory and field assembled work.
3. Samples for initial selection: For each exposed product, provide representative color charts of the manufacturer's full range of colors.
4. Samples for verification: Provide 12-inch long section of each metal panel profile and color chip(s) verifying color selection(s).

B. Informational Submittals:
1. Manufacturer's warranty: Unexecuted sample copy of manufacturer's warranty.

C. Closeout Submittals:
1. Maintenance Data.
2. Maufacturer's Warranty: Executed copy of manufacturer's warranty.

1.05 Warranty

A. Special Panel Finish Warranty: For extended warranty requirements for wall panels, see Section 13340 -Metal Building Systems, 1.08-B.1.c.

2. PRODUCTS

2.01 Pre-finished metal wall panels

A. Wall Panel 'A' - Vertically Oriented - Provide the metal building manufacturer's pre-finished, ADDENDUM#2 ~~concealed fastener,~~ 24-gauge, metal siding system designed to be installed vertically, including trim, fasteners, and accessories for a complete installation.

1. Acceptable Maunfacturers: Same as Acceptable Manufacturers of Metal Building Systems. See Section 13340.
2. Colors to be selected by Architect from Manufacturer's full range of colors.

ADDENDUM#2

B. Wall Panel 'B' - Horizontally Oriented - Provide a pre-finished, ~~concealed fastener,~~ 24-gauge, metal siding system designed to be installed horizontally, including trim, fasterners, and accessories to make a complete installation.

1. Acceptable Manufacturers
   ~~a. Cascade CC-260 by Centria~~
   ~~b. MasterLine 16 by MBCI~~
   ~~c. Precision Series by Pac-Clad~~
   SAME AS ACCEPTABLE MANUFACTURERS OF METAL BUILDING SYSTEMS. SEE SECTION 13340. ADDENDUM#2
2. Colors to be selected by Architect from Manufacturer's full range of colors.

3. EXECUTION

3.01 Delivery, Storage, and Handling

A. Handle and store products to prevent staining, denting, deterioration of components, or other damage.

B. Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

C. Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

3.02 Installation

A. Examine metal panel substrate with installer present. Inspect for erection tolerances and other conditions that would adversely affect installation of the metal panels. Verify that site conditions are acceptable. Do not proceed with installation until unacceptable conditions are corrected.

B. Install metal panel system in accordance with manufacturer's written instructions, approved shop drawings, project drawings, and referenced publications. Install metal panels in orientation, sizes, and locations indicated. Anchor panels and other components securely into place. Provide for structural and thermal movement.

C. Fasten metal panels to supports at each location indicated on approved shop drawings, at spacing and with fasteners recommended by the manufacturer. Fasten panel to support structure through leading flange. Snap-fit back flange of subsequent panel into secured flange of previous panel.

1. Cut panels in field where required using manufacturer's recommended methods.

2. Dissimilar materials: Where elements of metal panel system will come into contact with dissimilar materials, treat faces and edges in contact with dissimilar materials as recommended by metal panel manufacturer.

D. Attach panel flashing trim pieces to supports using recommended fasteners and joint sealants.

E. Joint sealers: Install liquid sealants where indicated and where required for weatherproof performance

of metal assemblies.

1. Seal panel base assembly, openings, panel head joints, and perimeter joints using joint sealers indicated in manufacturer's instructions.

2. Seal perimeter joints between window and door openings and adjacent panels using elastomeric joint sealer.

3. Prepare joints and apply sealants per requirements of Division 07 Section "Joint Sealants".

3.03 Accessory Installation

A. General: Install metal panel accessories with positive anchorage to building and weather tight mounting; provide for thermal expansion. Coordinate installation with flashing and other components.

1. Install components required for a complete metal panel assembly, including trim, copings, flashings, sealants, closure strips, and similar items.

2. Comply with details of assemblies utilized to establish compliance with peformance requirements and manufacturer's written installation instructions.

3. Set units true to line and level as indicated. Install work with laps, joints, and seams that will be permanently weather resistant.

3.04 Cleaning and Protection

A. Clean finished surfaces as recommended by metal panel manufacturer.

B. Replace damaged panels and accessories that cannot be repaired to the satisfaction of the Architect.

END 07420

ALL FASTENERS FOR EXTERIOR METAL WALL PANELS SHALL MEET THE METAL WALL PANEL MANUFACTURER'S RECOMMENDATIONS FOR CORROSION RESISTANCE AND MATERIAL COMPATIBILITY. THREADED FASTENERS SHALL INCLUDE A COMPRESSIBLE WASHER OR BE OTHERWISE SEALED. ADDENDUM#2.